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		3 December	. 106).		TO AIL
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Subject:	Addition of Data	Correlation Functi	ion to the MPC and	CPC	Parton de
Dear Fran	k:				The same of the sa
The contractor (D. Seeha	r's 25 November 19	are offered in cont 964 telecon proposa	firmation of this al to the SPO	ەر	TO AWA!
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As offers th	part of the propose e following basis	sal submitted here assumptions:	under this contra	actor	PI
1.	programs (15 Oct	delivered with the ober 1965) and will tivity (accepted)	${ t l}$ be turned over	to	1
2.	Documentation wi handbooks.	ll be included wit	h the total proce	ssing	
3.	Generation of the data is included data are not inc	e necessary data f in the cost. Fil luded.	iles for simulate es for field test	d	
sufficier	t for Contracting	ts the contents he Officer and SPO e formation is requi	valuation purpose	s. ct	
program d		r contr	act administrator	,	STAT STAT
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Exhibit "A"
3 December 1964

TECHNICAL PROPOSAL

for

ADDITION OF DATA CORRELATION FUNCTION TO MPC/CPC

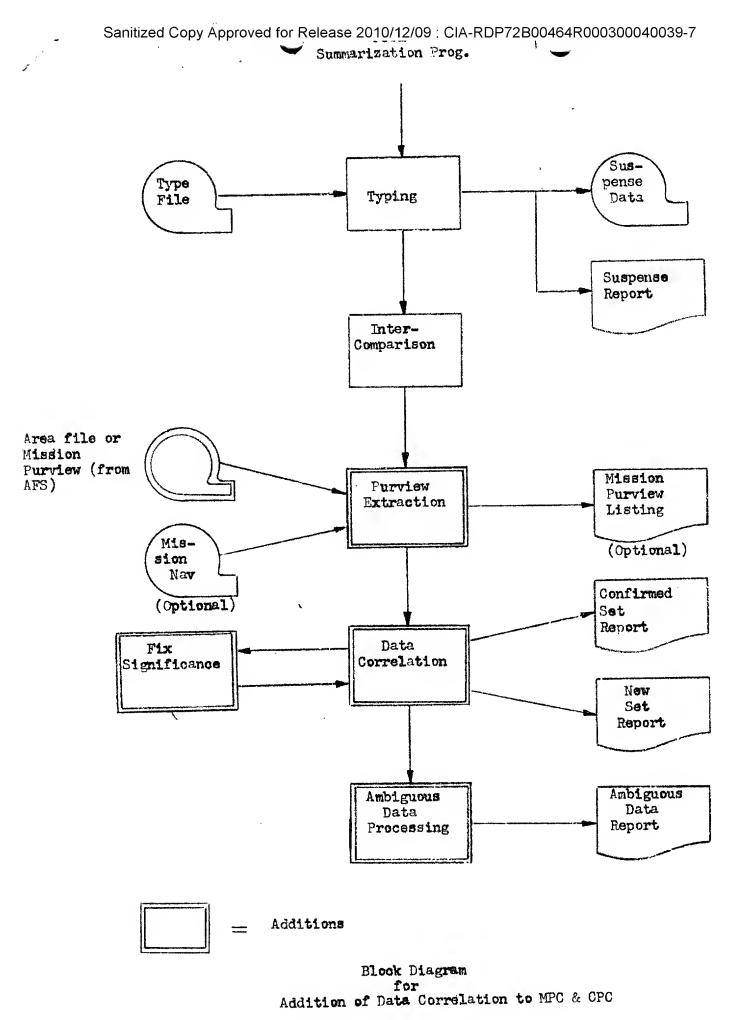
The basic operation to be performed is to correlate mission fixes (Radar Master words) with a Purview extracted from the Main File. The capability shall be provided to obtain the Purview in the following ways:

- 1. Advanced Finder will produce the Purview based on a planned flight path. The format it normally produces shall be acceptable to the system being provided for the MPC and CPC.
- 2. Advanced Finder will produce an area file based on a planned flight path. The system shall extract the Purview based on either the actual flight path or the mission fixes.

The capability shall be provided to perform Data Correlation at both the MPC and the CPC for both flash reporting and total processing. Data Correlation will be functionally the same as that performed by the Advanced Finder system with modifications necessitated by unique features of the EMR and reprogramming for the CDC-3200 computer. It shall also be necessary to provide the equivalence of the Fix Significance process which is required by Data Correlation. A program to report ambiguous cases for analyst resolution shall also be provided. The latter program shall determine the type of ambiguity and segregate the types for reporting. A mechanism to handle the analyst's resolution of ambiguous cases shall be provided.

Additional outputs that shall be produced are a Confirmed Set Report and a New Set Report. A Purview listing shall be available.

The attached block diagram illustrates the new programs and reports that will be provided. Under current development, intercomparison is the last program prior to the flash and mission reports. The new programs will be added to the data flow at this point.



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